

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4542	(DNA or nucleic adj acid) adj20 immune adj response	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:17
L2	165	I1 same (ni or nickel or nickle or copper or co or zinc or zn)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:18
L3	2047	I1 and (DNA) same (ni or nickel or nickle or copper or co or zinc or zn)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:18
L4	832	I1 and (DNA or nucleic adj acid) adj10 (ni or nickel or nickle or copper or co or zinc or zn)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:18
L5	4809	((nucleic adj acid or DNA or RNA) adj10 (metal or zinc or ZN or cobalt or Nickel or Ni))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:23
L6	119	naked adj DNA adj10 (antobody or immune)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:22
L7	1	I5 and I6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:22
L8	110	I5 and I1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:21
L9	177	naked adj DNA adj10 (antibody or immune)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:22

L10	10	I5 and I9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:22
L11	15705	((nucleic adj acid or DNA or RNA) adj10 ( ZN or Co or Ni))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:25
L12	1106	I11 and I1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:24
L13	494	((nucleic adj acid or DNA or RNA) adj10 ( ZN or Cobalt or Ni))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:24
L14	19	I13 and I1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:24
L15	449	((nucleic adj acid or DNA or RNA) adj10 ( ZN or Co or Ni)) and divalent adj metal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:25
L16	394	(ZN or Co or Ni) adj20 divalent adj metal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:26
L17	0	I12 and I16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:26
L18	0	I1 and I16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:26
L19	11	(ZN or Co or Ni) adj20 divalent adj metal same DNA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:26

L20	809	divalent adj metal same DNA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:26
L21	7	I20 and I1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:27
L22	0	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same interchelated same (cation or metal or divalent) and mammal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:27
L23	6	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same interchelated same (cation or metal or divalent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:47
L24	81	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent adj metal adj cation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:03
L25	6	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent adj metal adj cation) and immune adj response	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:48
L26	11	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent adj metal adj cation) and (mouse or mice or rat or rabbit or human or subject or animal) adj20 antibody	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:49
L27	14	I23 or I25 or I26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 05:49

L28	6	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent or metal or cation) same (interchelated or interchelation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:05
L29	7538	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent or metal or cation) same (containing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:08
L30	1126	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent or metal or cation) adj10 (containing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:14
L31	127	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) adj10 (Divalent or metal or cation) adj10 (containing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:09
L32	34	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) adj10 (Divalent or metal or cation) adj10 (containing) and (nickle or cobalt or zinc)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:09
L33	44	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) adj10 (Divalent or metal or cation) adj10 (containing) and (nickel or cobalt or zinc)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:09
L34	7	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) adj10 (Divalent or metal or cation) adj10 (containing) same (nickle or cobalt or zinc)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:10
L35	9	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) adj10 (Divalent or metal or cation) adj10 (containing) same (nickel or cobalt or zinc)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:09

L36	3	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) adj10 (Divalent or metal or cation) adj10 (containing) same (Ni or Zn or Co)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:10
L37	12	I34 or I35 or I36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:11
L38	240893	lee.in. or aich.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:12
L39	152	I29 and I38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:13
L40	4	I29 and I38 and I1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:13
L41	6	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent or metal or cation) adj10 (imine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:15
L42	89	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent or metal or cation or ni or zn or co) adj10 (chelated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:15
L43	97	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid) same (Divalent or metal or cation or ni or zn or co or nickle or nickel or cobalt or zinc) adj10 (chelated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:15

L44	188	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid or base adj pair) same (Divalent or metal or cation or ni or zn or co or nickle or nickel or cobalt or zinc) adj10 (nitrogen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:17
L45	0	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid or base adj pair) same (Divalent or metal or cation or ni or zn or co or nickle or nickel or cobalt or zinc) adj10 (nitrogen) adj10 ( coordinated or chelate or interchelate or interchelated or interchelation or coordinate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:19
L46	1445	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid or base adj pair) same (Divalent or metal or cation or ni or zn or co or nickle or nickel or cobalt or zinc) adj10 ( coordinated or chelate or interchelate or interchelated or interchelation or coordinate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:20
L47	138	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid or base adj pair) adj10 (Divalent or metal or cation or ni or zn or co or nickle or nickel or cobalt or zinc) adj10 ( coordinated or chelate or interchelate or interchelated or interchelation or coordinate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:21
L48	12	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid or base adj pair) adj10 (Divalent or metal or cation or ni or zn or co or nickle or nickel or cobalt or zinc) adj10 ( coordinated or chelate or interchelate or interchelated or interchelation or coordinate) and (divalent adj metal or metal adj cation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:23

L49	6	I48 not I38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:21
L50	6	(double adj stranded or double adj strand or oligo or duplex or dsDNA or RNAi or siRNA or RNA or DNA or nucleic adj acid or base adj pair) adj10 (Divalent or metal or cation or ni or zn or co or nickle or nickel or cobalt or zinc) adj10 ( coordinated or chelate or interchelate or intechelated or interchelation or coordinate) adj10 nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 06:24

## STN Columbus

suggesting that this is a distinct structure and not simply a minor variant of 'B' DNA. It is proposed to call this new structure 'M' DNA because of the intimate involvement of **metal** ions.

=> d his

(FILE 'HOME' ENTERED AT 11:08:25 ON 19 NOV 2004)

FILE 'MEDLINE, CAPLUS, SCISEARCH' ENTERED AT 11:08:36 ON 19 NOV 2004

L1 806 S M-DNA  
L2 6648 S METAL (10A) DNA  
L3 4543 S METAL (5A) DNA  
L4 5308 S L1 OR L3  
L5 379 S L4 AND DIVALENT (A) METAL  
L6 0 S L5 AND NITROGEN ADN IMINO  
L7 0 S L5 AND NITROGEN AND IMINO  
L8 9 S L5 AND NITROGEN  
L9 7 DUP REM L8 (2 DUPLICATES REMOVED)  
L10 5 S L9 AND PY<=1998  
L11 112 S L4 AND CHELATE  
L12 29 S L4 AND IMINO  
L13 0 S L12 AND IMMUNE  
L14 0 S L12 AND VACCINE  
L15 0 S L12 AND ANIMAL  
L16 6 S L12 AND CATION  
L17 4 DUP REM L16 (2 DUPLICATES REMOVED)  
L18 0 S L12 AND (IMMUNE OR VACCINE OR VACCINATION OR IMMUNIZATION)  
L19 120 S L1 AND (IMMUNE OR VACCINE OR VACCINATION OR IMMUNIZATION)  
L20 0 S L19 AND L3  
L21 1 S L19 AND METAL  
L22 0 S L12 AND (MICE OR MOUSE OR RAT OR INTRODUCE)  
L23 579241 S LEE?/AU OR AICH?/AU  
L24 43 S L23 AND L1  
L25 1 S L24 AND IMMUNE  
L26 33 S L24 AND METAL  
L27 15 S L26 AND IMINO  
L28 5 DUP REM L27 (10 DUPLICATES REMOVED)

=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 11:25:41 ON 19 NOV 2004